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## SUPPLEMENTAL **DECLARATION FOR UTILITY OR DESIGN** PATENT APPLICATION (37 CFR 1.63)

Attorney Docket Number	PD-00W014
First Named Inventor	Allison
COMPLETE	IF KNOWN
Application Number	09 / 607,604
Filing Date	06/30/2000
Group Art Unit	2817
Examiner Name	Unknown

As a below named inventor, I hereby declare that:  My residence, post office address, and citizenship are as stated below next to my name.  I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  Multi-Bit Phase Shifters Using MEM RF Switches  the specification of which  (Title of the Invention)  is attached hereto  OR  was filed on (MM/DD/YYYY)  06/30/2000  as United States Application Number or PCT International  Application Number  09/607,604  Intereby declare that the subject matter of the  invention and was invented before the filing date of the original application, above identified for such invention.  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.  I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365 (a) of any PCT international application which designated at least one country other than the United States of America, issed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application  Country  Foreign Filing Date (MM/DD/YYYY)  Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:  1 hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.  Application Number(s)  Filing Date (MM/DD/YYYY)								
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Multi-Bit Phase Shifters Using MEM RF Switches  the specification of which  (Title of the Invention)  is attached hereto OR  Was filed on (MM/DD/YYYY)  06/30/2000  as United States Application Number or PCT International Application Number  09/607,604  and was amended on (MM/DD/YYYY)  (If applicable).  Thereby declare that the subject matter of the was part of my or our invention and was invented before the filing date of the original application, above identified for such invention.  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.  I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 355 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application on which priority is claimed.  Prior Foreign Application  Number(s)  Country  Foreign Filling Date (MM/DD/YYYY)  Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:  I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.  Application Number(s)  Filling Date (MM/DD/YYYY)	My residence, post office address, and citizenship are as stated below next to my name.							
the specification of which    Title of the Invention	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:							al names are listed
is attached hereto OR Was filed on (MM/DD/YYYY)  O6/30/2000  as United States Application Number or PCT International Application Number  O9/607,604  and was amended on (MM/DD/YYYY)  Ihereby declare that the subject matter of the Island amendment amendment amendment filed on awas part of my or our invention and was invented before the filing date of the original application, above identified for such invention.  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.  I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 355 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application  Rumber(s)  Country  Foreign Filing Date (MM/DD/YYYY)  Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:  I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.  Application Number(s)  Filing Date (MM/DD/YYYY)	***************************************					witches		
was filed on (MM/DD/YYYY)  O6/30/2000  as United States Application Number or PCT International Application Number  O9/607,604  and was amended on (MM/DD/YYYY)  Itereby declare that the subject matter of the attached amendment amendment filed on amendment filed on amendment specifically referred to above.  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.  I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application Number(s)  Country  Foreign Filing Date (MM/DD/YYYY)  Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:  I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.  Application Number(s)  Filing Date (MM/DD/YYYY)	the specification of wh	ch .	(Title of the	Invention)				
Application Number  O9/607,604  In hereby declare that the subject matter of the attached amendment amendment filed on amendment specifically referred to above.  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.  I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application on which priority is claimed.  Prior Foreign Application  Number(s)  Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:  I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.  Application Number(s)  Filing Date (MM/DD/YYYY)		o ·						
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I hereby declare that the subject matter of the     X   attached amendment   amendment filed on   was part of my or our invention and was invented before the filing date of the original application, above identified for such invention.  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.  I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.    Prior Foreign Application   Country   Foreign Filing Date (MM/DD/YYYY)   Priority   Certified Copy Attached? YES NO	Application Number	09/607	,604 and was am	ended on (M	M/DD/YYY	Y)		(if applicable).
amendment specifically referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.  I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application Number(s)  Country  Foreign Filing Date (MM/DD/YYYY)  Priority Not Claimed  YES NO  Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:  I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.  Application Number(s)  Filing Date (MM/DD/YYYY)	I hereby declare that the s was part of my or our inve	ubiect matter o	of the X attached amend	ment  of the origin			ified for such inve	ntion.
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application Number(s)  Foreign Filing Date (MM/DD/YYYY)  Foreign Filing Date (MM/DD/YYYY)  Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:  I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.  Application Number(s)  Filing Date (MM/DD/YYYY)							mended by any	
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Number(s)  Country  (MM/DD/YYYY)  Not Claimed  YES  NO  Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:  I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.  Application Number(s)  Filing Date (MM/DD/YYYY)	365 (a) of any PCT internation have also identified below	ational applica by checking t	ation which designated at leas the box, any foreign application	st one count n for patent (	ry other th	an the United	States of America	, listed below and
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I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.  Application Number(s) Filing Date (MM/DD/YYYY)	Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:							
I I Additional provisional application	Application Nun	iber(s)	Filing Date (MM/D	D/YYYY)		Addition	and provisional	application
Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.						number priority	ers are listed on data sheet PT0	a supplemental

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TOTAL PROPERTY OF THE PROPERTY AND ADDRESS OF THE PROPERTY OF									
I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.									
U.S	S. Parent Application or F Number	Parent			ng Date	Pa		Patent Nu	
	Number (MM/DD/YYYY) (if applicable)								
☐ Additional	IU.S. or PCT international applicat	ition numbers are listed o	n a supple	mental r	priority data	a sheet PT	O/SB/0	2B attached h	ereto.
As a named inv and Trademark	ventor, I hereby appoint the followi c Office connected therewith:	Customer Number	r(s) to pros	ecute th	nis applicat	ion and to	transac	Place Custo Number Bar	omer Code
	X	Registered practitioner(s		gistration	n number l	isted below	<u> </u>	Label her	re tration
	Name	Registration Number			Na	me			nber
Leonard A	A. Alkov	30,021		Willi	iam C. S	Schube	rt	30,102	
Glenn H.	Lenzen, Jr.	29,320							
Colin M. R	Raufer	40,781							
Additional	registered practitioner(s) named o	n supplemental Register	ed Practition	oner Info	ormation st	neet PTO/S	B/02C	attached here	to.
Direct all correspondence to: Customer Number or Bar Code Label									
Name Leonard A. Alkov, Esq.									
Address Raytheon Company									
Address P.O. Box 902 (E1/E150)									
City	El Segundo			te C	Α	ZIP 90245-0902			
Country	USA	Telephone 310	.647.25	577		Fax	310.	647.2616	1
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
Name of Sole or First Inventor:									
Given Name (first and middle [if any]) Family Name or Surname									
Robert C. Allison									
Inventor's Signature 10/30/2000 Date									
Residence: 0	Rancho (City Palos Verdes	State CA	Cou	untry	USA			Citizenship	USA
Post Office Address 6910 Larkdale Drive									
Post Office A	\ddress								
city Ranch	ho Palos Verdes State	CA Z	ZIP 902	274		Coun	try	USA	
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## **DECLARATION**

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## ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3\_\_lof\_3\_|

		•								
Name of Additio	nal Joint Inventor, if a	ny:			A petitio	on has been file	ed for th	is unsigi	ned inv	entor
Given Na		Family Name or Surname								
Clif	ton			Quan						
Inventor's Signature	Clft Jun 10/30/2002 Date									
Residence: City	Arcadia	State	CA	c	ountry	USA		Citizens	hip	USA
Post Office Address	5521 No. Florinda	Avenue							-	
Post Office Address										
City	Arcadia	State	CA		ZIP 91	1006	Country	, ι	JSA	
Name of Addition	nal Joint Inventor, if any:									
Given Na	Siven Name (first and middle [if any]) Family Name or Sumame									
Bria										
Inventor's Signature	Brown Mc Vielel 16/30/00									
Residence: City	Moreno Valley	State	CA	٥	ountry	USA		Citize	nship	US
Post Office Address	22501 Sheffield Drive									
Post Office Address										
City	Moreno Valley State CA ZIP 92557 Country USA						\$A			
Name of Addition	nal Joint Inventor, if a	ny:			A petitio	n has been file	d for th	is unsigr	ned inv	entor
Given Name (first and middle [if any]) Family Name or Surname										
Inventor's Signature	Date									
Residence: City	State Country Citizenship									
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